

DEC 10 2004

Due Date: January 6, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark S. Sherwin et al. Examiner: Thai Q. Phan  
Serial No.: 09/857,822 Group Art Unit: 2128  
Filed: September 24, 2001 Docket: G&C 30794.58-US-WO  
Title: QUANTUM COMPUTATION WITH QUANTUM DOTS AND TERAHERTZ  
CAVITY QUANTUM ELECTRODYNAMICS

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and  
Trademark Office on December 10, 2004.

By: GHG  
Name: George H. Gates

PETITION FOR EXTENSION OF TIME

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. §1.136(a), it is respectfully requested that a two-month extension of time be granted in which to respond to the outstanding Office Action mailed August 6, 2004, said period of response being extended from November 6, 2004 to January 6, 2005.

Please charge the required extension fee in the amount of \$225.00 for a small entry to Deposit Account No. 50-0494.

Respectfully submitted,

GATES & COOPER LLP  
Attorneys for Applicant(s)

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045  
(310) 641-8797

Date: December 10, 2004

GHG/amb

By: GHG  
Name: George H. Gates  
Reg. No.: 33,500